

Product datasheet for **TP701094**

Secretogranin V (SCG5) (NM_003020) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human secretogranin V (7B2 protein) (SCG5), Tyr27-End, with C-terminal His tag, secretory expressed in HEK293 cells, 50 ug |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | A DNA sequence from TrueORF clone, RC202772, encoding the region Tyr27-End of SCG5 |
| Tag: | C-HIS |
| Predicted MW: | 22.1kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | PBS, pH 7.4, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_003011 |
| Locus ID: | 6447 |
| UniProt ID: | P05408 |
| RefSeq Size: | 1241 |
| Cytogenetics: | 15q13.3 |
| RefSeq ORF: | 633 |
| Synonyms: | 7B2; P7B2; SGNE1; SgV |



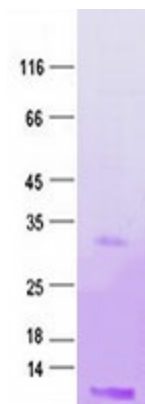
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Summary:

This gene encodes a secreted chaperone protein that prevents the aggregation of other secreted proteins, including proteins that are associated with neurodegenerative and metabolic disease. The encoded protein may be best known for its role in the trafficking and activation of prohormone convertase PC2 (encoded by Gene ID: 5126). Phosphorylation of the encoded protein has been shown to have an inhibitory effect on its chaperone function. This gene also produces a ARHGAP11A-SCG5 readthrough transcript and ARHGAP11A-SCG5 protein. [provided by RefSeq, Feb 2019]

Protein Families:

Secreted Protein

Product images:

Purified recombinant protein SCG5 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.